

ABSTRACT OF THE DISCLOSURE

A bearing manufacturing method for a compressor is disclosed. Since an oxide-coated layer is formed at the surface of the bearing and electrolyzed in a
5 titaniumoxydic acid ammonium aqueous solution so that the molybdenum
emulsion can be infiltrated in the fine pores of the oxide-coated layer. Accordingly,
the abrasion resistance of the bearing can be increased while the friction
coefficient is remarkably reduced, and thus, a reliability of the compressor and an
energy efficiency can be increased.